

# Biotinylated Human BTN3A2 Protein

Cat. No. BNT-HM4A2B

Description	
Source	Recombinant Biotinylated Human BTN3A2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gln30-Trp248.
Accession	P78410-1
Molecular Weight	The protein has a predicted MW of 26.5 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >90% as determined by HPLC

## Formulation and Storage

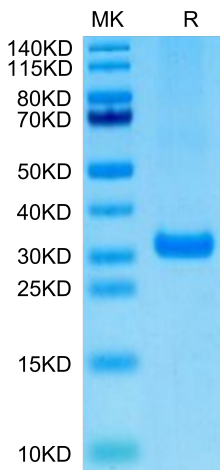
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

BTN3A2/BT3.2 butyrophilin mRNA expression by tumoral cells was previously identified as a prognostic factor in a small cohort of high grade serous epithelial ovarian cancer (HG-EOC). In conclusion, BT3.2 protein is a potential prognostic biomarker for the identification of HG-EOC patients with better outcome. In contrast, high CD206 /CD68 expression is associated with high risk of disease progression.

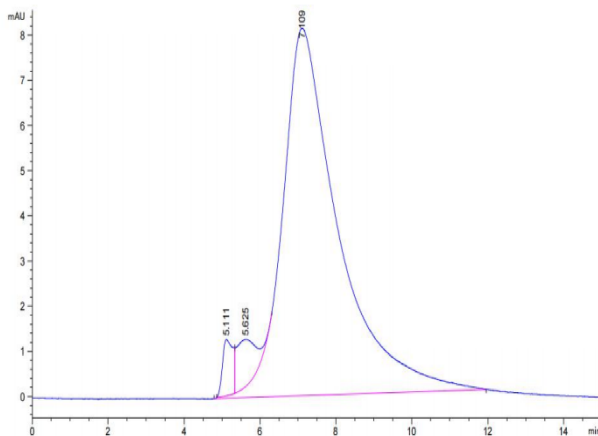
## Assay Data

### Bis-Tris PAGE



Biotinylated Human BTN3A2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Biotinylated Human BTN3A2 is greater than 90% as determined by SEC-HPLC.